WHAT IS CLAIMED IS:

1. A nonaqueous electrolyte secondary battery comprising a positive electrode, a negative electrode comprising a graphite as a negative electrode active material, and a nonaqueous electrolyte comprising at least a saturated cyclic carbonic ester and containing a cyclic carbonic ester having a carbon-carbon double bond such that, when a content of the cyclic carbonic ester having a carbon-carbon double bond is x (g), a content of the graphite in the negative electrode is B (g), a specific surface area of the graphite is A (m^2/g), a size of the crystallite of the graphite in a direction of the c axis is Lc, and a size of the crystallite of the graphite in a direction of the a axis is La, a condition expressed by

$$0.05 \times 10^{-2} \leq x/[A \times B \times 2Lc/(2Lc + La)] \leq 3 \times 10^{-2}$$

is satisfied.

2. The nonaqueous electrolyte secondary battery according to claim 1, wherein the cyclic carbonic ester having a carbon-carbon double bond has a double bond in a ring.

3. The nonaqueous electrolyte secondary battery according to

claim 1, wherein the cyclic carbonic ester having a carbon-carbon double bond is vinylene carbonate.

4. The nonaqueous electrolyte secondary battery according to claim 2, wherein the cyclic carbonic ester having a carbon-carbon double bond is vinylene carbonate.

5. The nonaqueous electrolyte secondary battery according to claim 1, wherein d_{002} of the graphite is in a range of 0.335 to 0.338 nm as measured by X-ray diffraction analysis.

6. The nonaqueous electrolyte secondary battery according to claim 2, wherein d_{002} of the graphite is in a range of 0.335 to 0.338 nm as measured by X-ray diffraction analysis.

7. The nonaqueous electrolyte secondary battery according to claim 1, wherein I_{110}/I_{002} of the graphite is in a range of 5×10^{-3} to 15×10^{-3} as measured by X-ray diffraction analysis.

8. The nonaqueous electrolyte secondary battery according to claim 2, wherein I_{110}/I_{002} of the graphite is in a range of 5×10^{-3} to 15×10^{-3} as measured by X-ray diffraction analysis.

9. The nonaqueous electrolyte secondary battery according to claim 1, wherein I_D/I_G of the graphite is in a range of 0.15 to 0.7 as measured by Raman spectroscopy.

10. The nonaqueous electrolyte secondary battery according to claim 2, wherein I_D/I_G of the graphite is in a range of 0.15 to 0.7 as measured by Raman spectroscopy.

11. The nonaqueous electrolyte secondary battery according to claim 1, wherein the saturated cyclic carbonic ester in said nonaqueous electrolyte is at least one of ethylene carbonate, propylene carbonate, and butylene carbonate.

12. The nonaqueous electrolyte secondary battery according to claim 2, wherein the saturated cyclic carbonic ester in said nonaqueous electrolyte is at least one of ethylene carbonate, propylene carbonate, and butylene carbonate.

13. The nonaqueous electrolyte secondary battery according to claim 1, wherein said nonaqueous electrolyte contains chain carbonic ester.

14. The nonaqueous electrolyte secondary battery according to claim 2, wherein said nonaqueous electrolyte contains chain carbonic ester.

15. The nonaqueous electrolyte secondary battery according to claim 13, wherein said chain carbonic ester is at least one of dimethyl carbonate, ethyl methyl carbonate, diethyl carbonate, methyl propyl carbonate, ethyl propyl carbonate, and methyl isopropyl carbonate.

16. The nonaqueous electrolyte secondary battery according to claim 14, wherein said chain carbonic ester is at least one of dimethyl carbonate, ethyl methyl carbonate, diethyl carbonate, methyl propyl carbonate, ethyl propyl carbonate, and methyl isopropyl carbonate.